

Zollo.ST25.txt
SEQUENCE LISTING

<110> Zollo, Massimo

<120> Use of enzymatic inhibitors of h-PRUNE for the prevention and treatment of the metastases of tumours overexpressing h-PRUNE

<130> PCT25791

<150> RM2003 000572

<151> 2003-12-11

<160> 12

<170> PatentIn version 3.2

<210> 1

<211> 22

<212> DNA

<213> Artificial

<220>

<223> Primer forward h-PRUNE

<400> 1
agagatcttg gacaggcaaa ct 22

<210> 2

<211> 22

<212> DNA

<213> Artificial

<220>

<223> Primer Reverse h-PRUNE

<400> 2
ccatgttgac acagtccagg at 22

<210> 3

<211> 15

<212> DNA

<213> Artificial

<220>

<223> Probe h-PRUNE 6FAM

<400> 3
ctgcatggaa ccatc 15

<210> 4

<211> 18

<212> PRT

<213> Artificial

<220>

<223> Antigen for the monoclonal antibody anti h-PRUNE

<400> 4
Ala Leu Glu Glu Ala Val Ala Glu Val Leu Asp His Arg Pro Ile Glu
1 5 10 15

Pro Lys

Zollo.ST25.txt

<210> 5
 <211> 42
 <212> DNA
 <213> Artificial

<220>
 <223> Primer h-PRUNE delta

<400> 5
 gtagcagagg tgctagccgc tgcagccatc gagccgaaac ac 42

<210> 6
 <211> 21
 <212> DNA
 <213> Artificial

<220>
 <223> Primer D28A h-PRUNE

<400> 6
 gaagcctgtg ctttggactc c 21

<210> 7
 <211> 33
 <212> DNA
 <213> Artificial

<220>
 <223> Primer 106A h-PRUNE

<400> 7
 accctcatcc ttgtcgctca tcatatctta tcc 33

<210> 8
 <211> 30
 <212> DNA
 <213> Artificial

<220>
 <223> Primer D179a h-PRUNE

<400> 8
 gaaccatcat cctggcatgt gtcaacatgg 30

<210> 9
 <211> 15
 <212> PRT
 <213> Artificial

<220>
 <223> Inhibitor of h-prune H1

<400> 9
 Asn Ile Ile His Gly Ser Asp Ser Val Glu Ser Ala Glu Lys Glu
 1 5 10 15

<210> 10
 <211> 29
 <212> PRT
 <213> Artificial

Zollo.ST25.txt

<220>

<223> Permeable inhibitor of h-prune H1

<400> 10

Asn Ile Ile His Gly Ser Asp Ser Val Glu Ser Ala Glu Lys Glu Gly
 1 5 10 15

Gly Gly Tyr Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg
 20 25

<210> 11

<211> 167

<212> PRT

<213> Artificial

<220>

<223> h-prune sequence

<400> 11

Met Tyr Asp Val Pro Asp Tyr Ala Ser Leu Gly Ser Pro Val Glu Met
 1 5 10 15

Ala Asn Leu Glu Arg Thr Phe Ile Ala Ile Lys Pro Asp Gly Val Gln
 20 25 30

Arg Gly Leu Val Gly Glu Ile Ile Lys Arg Phe Glu Gln Lys Gly Phe
 35 40 45

Arg Leu Val Ala Met Lys Phe Leu Arg Ala Ser Glu Glu His Leu Lys
 50 55 60

Gln His Tyr Ile Asp Leu Lys Asp Arg Pro Phe Phe Pro Gly Leu Val
 65 70 75 80

Lys Tyr Met Asn Ser Gly Pro Val Val Ala Met Val Trp Glu Gly Leu
 85 90 95

Asn Val Val Lys Thr Gly Arg Val Met Leu Gly Glu Thr Asn Pro Ala
 100 105 110

Asp Ser Lys Pro Gly Thr Ile Arg Gly Asp Phe Cys Ile Gln Val Gly
 115 120 125

Arg Asn Ile Ile His Gly Ser Asp Ser Val Lys Ser Ala Glu Lys Glu
 130 135 140

Ile Ser Leu Trp Phe Lys Pro Glu Glu Leu Val Asp Tyr Lys Ser Cys
 145 150 155 160

Ala His Asp Trp Val Tyr Glu
 165

Zollo.ST25.txt

<210> 12
<211> 15
<212> PRT
<213> Artificial

<220>
<223> Control peptide H1 (-) Casein kinase I

<400> 12

Ser Asp Glu Ile Gly Lys Val Ser Glu Asn Ile Ala His Ser Glu
1 5 10 15